



Harris County, Texas

1001 Preston St., 1st Floor
Houston, Texas 77002

Commissioners Court

Request for Court Action

File #: 24-7682

Agenda Date: 12/10/2024

Agenda #: 153.

Department: County Engineer

Department Head/Elected Official: Milton Rahman, PhD, P.E., PMP, CFM, ENV SP, County Engineer

Regular or Supplemental RCA: Regular RCA

Type of Request: Utility Agreement

Project ID (if applicable): UPIN 19101MF14202

Vendor/Entity Legal Name (if applicable): CenterPoint Energy

MWDBE Contracted Goal (if applicable): N/A

MWDBE Current Participation (if applicable): N/A

Justification for 0% MWDBE Participation Goal: N/A - Goal not applicable to request

| | YES | NO | ABSTAIN |
|----------------------|-------------------------------------|--------------------------|--------------------------|
| Judge Lina Hidalgo | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comm. Rodney Ellis | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comm. Adrian Garcia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comm. Tom S. Ramsey | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comm. Lesley Briones | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Request Summary (Agenda Caption):

Request for approval to execute a Utility Agreement with CenterPoint Energy for streetlight relocation in connection with Pine Trails Subdivision Drainage Improvements - 2018, UPIN 19101MF14202, Precinct 2.

Background and Discussion:

The Pine Trails Subdivision Drainage Improvements - 2018 UPIN 19101MF14202 project is located in Northeast Harris County in Precinct 2. The scope of work for this utility agreement includes the relocation of streetlights and the de-energization of the underground cables providing electricity to the streetlights so that Harris County can install subgrade drainage improvements.

Expected Impact:

This project seeks to reduce flooding and strengthen resiliency in Harris County by assisting in the alleviation of structural flood damage to homes in the Pine Trails community. Relocation of streetlights is necessary to construct the project.

Alternative Options:

If no action is taken, the project may not be constructed as scoped.

Alignment with Goal(s):

- Justice and Safety
- Economic Opportunity
- Housing
- Public Health
- Transportation
- Flooding
- Environment

Presented to Commissioners Court

December 10, 2024

Approve: **G/B**

File #: 24-7682

Agenda Date: 12/10/2024

Agenda #: 153.

_ Governance and Customer Service

Prior Court Action (if any): N/A

| Date | Agenda Item # | Action Taken |
|------|---------------|--------------|
| | | |

Location: Pine Trails Subdivision

Address (if applicable): N/A

Precinct(s): Precinct 2

| Fiscal and Personnel Summary | | | | |
|--|--------------------------|-----------|-------|--------------------|
| Service Name | Engineering | | | |
| | Current Fiscal Year Cost | | | Annual Fiscal Cost |
| | Labor | Non-Labor | Total | Recurring Expenses |
| Funding Sources | | | | |
| Existing Budget | | | | |
| Choose an item. | \$ | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ | \$ |
| Total Current Budget | \$ | \$ | \$ | \$ |
| Additional Budget Request (Requires Fiscal Review Request Form) | | | | |
| Choose an item. | \$ | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ | \$ |
| Total Additional Budget Request | \$ | \$ | \$ | \$ |
| Total Funding Request | \$ | \$ | \$ | \$ |
| Personnel (Fill out section only if requesting new PCNs) | | | | |
| Current Position Count for Service | - | - | - | - |
| Additional Positions Request | - | - | - | - |
| Total Personnel | - | - | - | - |

Anticipated Court Date: December 10, 2024

Anticipated Implementation Date (if different from Court date): N/A

Emergency/Disaster Recovery Note: Not an emergency, disaster, or COVID-19 related item

Contact(s) name, title, department: Erwin Burden, P.E., CFM, Senior Director of Capital Project Infrastructure, Harris County Engineering Department

File #: 24-7682

Agenda Date: 12/10/2024

Agenda #: 153.

Attachments (if applicable): Utility Agreement



August 15, 2024

Subject: Street light relocation
Location: Pine Trails
Baytown Area

Dear Street Light Requestor,

Per your request, CenterPoint Energy has prepared an estimate of cost to relocate street lights along with secondary feeding the street light. It is our understanding this request is being made due to construction by your company.

Phase 1 – 113224474
Phase 2 – 113224475

Your signature or designee's signature below will be our acknowledgment of your company's acceptance to the above mentioned terms. The work will be completed approximately 30 business days after signed statements are received; weather and crew availability permitting. Please send the check and the **original signed copy** of this agreement to:

CenterPoint Energy
Attn: SOH DPC
4700 S. Shaver, Bldg. I FL 3
Houston, TX 77034

If you have any questions, please contact me at (713)-945-3253.

Sincerely,

David Miranda
Service Consultant
Street Lighting Operations
Distribution Project Management

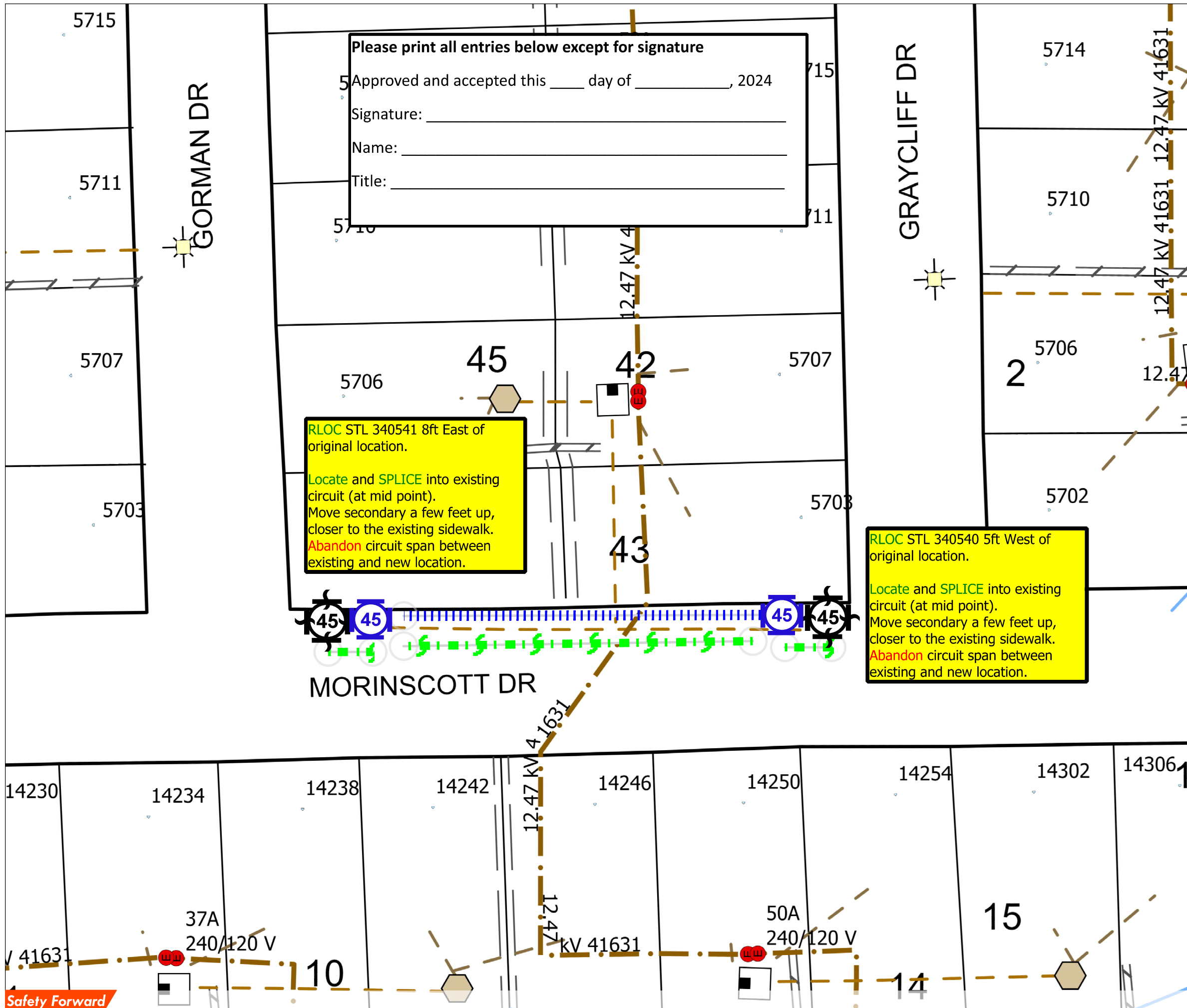
Approved and accepted this 10th day of December, 2024.

Signed by: Lina Hidalgo
Signature 268C151FCB5A4DC...

Printed Title County Judge

Printed Name Lina Hidalgo

Mailing Address _____



Please print all entries below except for signature

Approved and accepted this ____ day of _____, 2024

Signature: _____

Name: _____

Title: _____

RLOC STL 340541 8ft East of original location.

Locate and **SPLICE** into existing circuit (at mid point). Move secondary a few feet up, closer to the existing sidewalk. **Abandon** circuit span between existing and new location.

RLOC STL 340540 5ft West of original location.

Locate and **SPLICE** into existing circuit (at mid point). Move secondary a few feet up, closer to the existing sidewalk. **Abandon** circuit span between existing and new location.

STREET LIGHT PLACEMENT DETAIL

STREET LIGHT STANDARDS WILL NORMALLY BE INSTALLED IN ROAD RIGHT OF WAY 3' BACK OF CURB AND IN ALIGNMENT WITH SIDE LOT OR REAR PROPERTY LINES, UNLESS THERE IS A CONFLICT WITH DRIVEWAY, FIRE HYDRANT, CATCH BASIN, WATERMETER, OTHER OBSTRUCTIONS, OR WHEN IES RECOMMENDS SPACING REQUIRE OTHERWISE. IN CASE OF CONFLICT WITH O.H. DISTRIBUTION AT REAR OF PROPERTY, STANDARD IS TO BE INSTALLED 8' NORTH OR WEST OF PROPERTY LINE. AT STREET INTERSECTIONS, STANDARDS ARE TO BE INSTALLED BEHIND STRAIGHT SECTION OF CURB 2' FROM TANGENT POINT. STANDARDS SHALL BE PLACED ON STREET SIDE OPPOSITE FROM NORMAL STOP SIGN LOCATIONS.



LIGHTING DESIGN SERVICES - LIGHTING LEGEND

IMPORTANT NOTE: READ SPECIAL INSTRUCTIONS BELOW AND REFERENCE ANY SPECIAL NEEDS THAT MAY BE SHOWN ON SKETCH.

NEW STREET LIGHT INSTALLATION SYMBOLS

| SYMBOLS | QUANTITY | | SINGLE LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage) | | | | |
|---------|----------|--------|--|------------|-----|--------|--------|
| | OH - 0 | UG - 0 | 100W HPS MH | LED LEGEND | 45W | OH - 0 | UG - 0 |
| | | | 100W HPS MH | | | | |
| | | | 150W HPS MH | 45W | | | |
| | | | 175W HPS MH | <u>95W</u> | | | |
| | | | 250W HPS MH | 115W | | | |
| | | | 400W HPS MH | 180W | | | |

DUAL UG ONLY LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage)

| SYMBOLS | QUANTITY | SINGLE LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage) | | | |
|---------|----------|--|------------|-----|---|
| | | 100W HPS MH | LED LEGEND | 45W | 0 |
| | 0 | 100W HPS MH | | | |
| | 0 | 150W HPS MH | 45W | | |
| | 0 | 175W HPS MH | <u>95W</u> | | |
| | 0 | 250W HPS MH | 115W | | |
| | 0 | 400W HPS MH | 180W | | |

ADDITIONAL INSTALLATION MATERIAL SYMBOLS

| TP | 0 | TERMINAL POLE | | 0 | RELAY |
|----|---|---|--|---|---------|
| X | 0 | PROPOSED WOOD POLE | | 0 | PULLBOX |
| | 0 | 12KV 35KV PROPOSED OVERHEAD TRANSFORMER | | | |

| | | | | |
|--|-----|-----------------------------------|---------------------------------------|-------------------------------------|
| | 0 | UNDERGROUND CONDUCTOR (Check One) | Direct Embedded Wire | <input checked="" type="checkbox"/> |
| | | | Conduit and Wire | <input type="checkbox"/> |
| | --- | OVERHEAD CONDUCTOR | #4 2/C TWIST (UNLESS OTHERWISE NOTED) | |

EXISTING STREET LIGHT SYMBOLS AND WATTAGES

| | | | | | | | | | | | | | |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|
| | 250 MH | | 70 | | 100 | | 150 | | 175 | | 250 | | 400 |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|

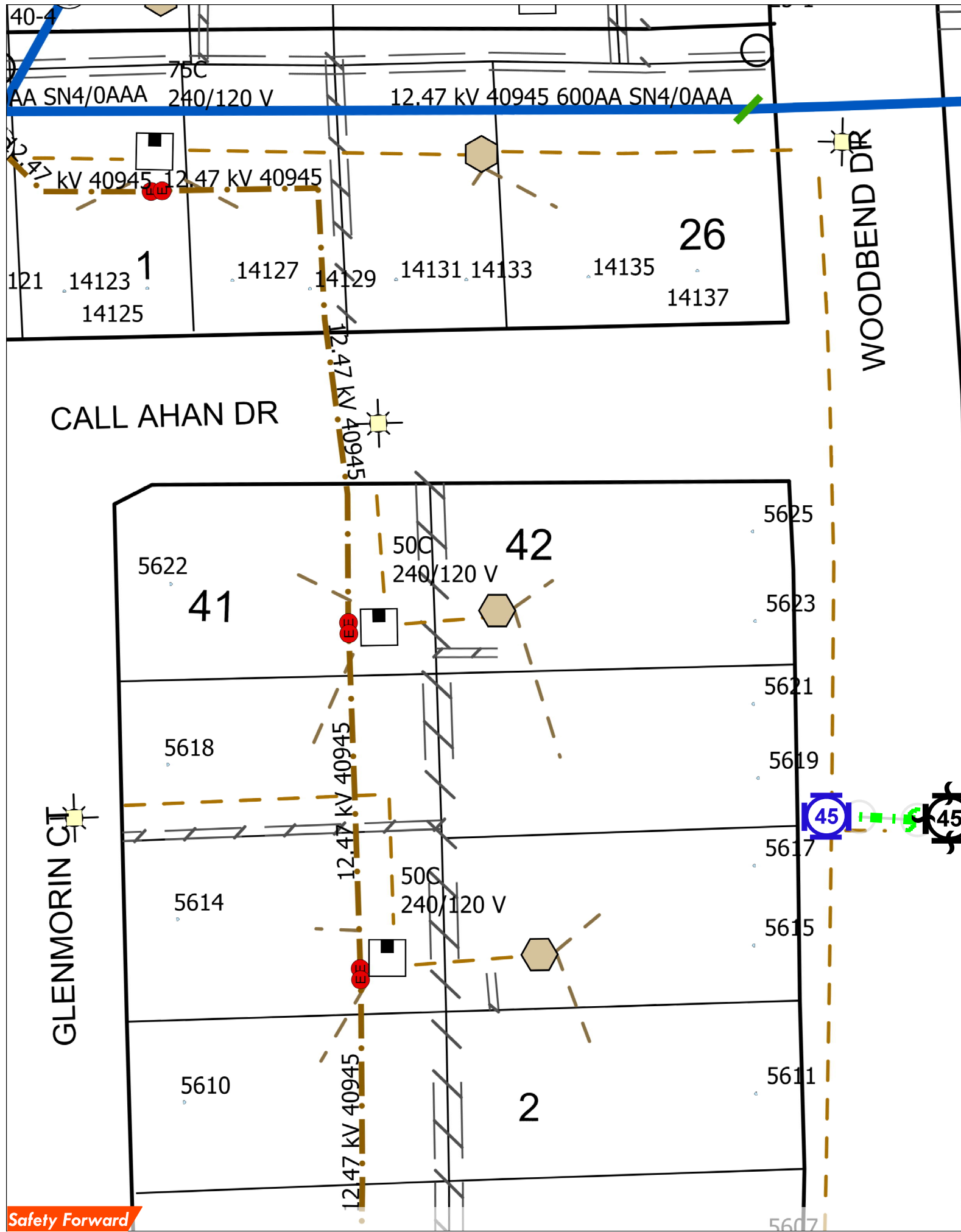
INSTALLATION VOLTAGE: (Circle One Only) 120 240 480

DDS DESIGN

| | |
|----------------------|-------------------------|
| WO BY: David Miranda | W.O.#: 113224475 |
| PHONE: 713-945-3253 | KEY MAP #: 456R |
| CELL: | LAMBERT #: 5760 |
| DATE: 8/15/2024 | SERVICE CENTER: BAYTOWN |
| TYPE: HLC2 | SCALE - 1" = 40' |

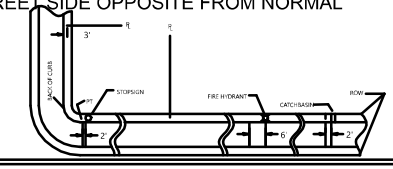
Street Light Notes

- All streets must be curbed and guttered prior to the installation of street lighting facilities unless otherwise approved by the Lighting Design Service Department.
- Dedicated street light easements are required along all placement of street lighting facilities when such facilities are installed along private streets. Street lighting will only be installed along private streets that can be accessed for maintenance and only when such a street is constructed in an easement intended to contain a private street, waterlines, sanitary sewer lines, storm sewer, and such other utility or franchise infrastructures as can be accommodated and which, for the purpose of established setback, will be considered to be the equal of a public street.
- The design of all streets, utility easements, and storm sewer easements must be approved by all appropriate reviewing agencies before the installation of street lighting.
- Street lighting will be installed to the recommendations of the Illuminating Engineering Society unless otherwise requested and agreed upon in writing by the requestor of street lighting service.



12.47 kV 41631

STREET LIGHT PLACEMENT DETAIL
 STREET LIGHT STANDARDS WILL NORMALLY BE INSTALLED IN ROAD RIGHT OF WAY 3' BACK OF CURB AND IN ALIGNMENT WITH SIDE LOT OR REAR PROPERTY LINES, UNLESS THERE IS A CONFLICT WITH DRIVEWAY, FIRE HYDRANT, CATCH BASIN, WATERMETER, OTHER OBSTRUCTIONS, OR WHEN IES RECOMMENDS SPACING REQUIRE OTHERWISE. IN CASE OF CONFLICT WITH O.H. DISTRIBUTION AT REAR OF PROPERTY, STANDARD IS TO BE INSTALLED 8' NORTH OR WEST OF PROPERTY LINE. AT STREET INTERSECTIONS, STANDARDS ARE TO BE INSTALLED BEHIND STRAIGHT SECTION OF CURB 2' FROM TANGENT POINT. STANDARDS SHALL BE PLACED ON STREET SIDE OPPOSITE FROM NORMAL STOP SIGN LOCATIONS.



LIGHTING DESIGN SERVICES - LIGHTING LEGEND
 IMPORTANT NOTE: READ SPECIAL INSTRUCTIONS BELOW AND REFERENCE ANY SPECIAL NEEDS THAT MAY BE SHOWN ON SKETCH.

NEW STREET LIGHT INSTALLATION SYMBOLS

| SYMBOLS | QUANTITY | | SINGLE LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage) | | | |
|---------|----------|--------|---|-------------|-------------|-------------|
| | OH - 0 | UG - 0 | 100W HPS MH | 150W HPS MH | 175W HPS MH | 250W HPS MH |
| | | | 100W HPS MH | 150W HPS MH | 175W HPS MH | 250W HPS MH |
| | | | 150W HPS MH | 175W HPS MH | 250W HPS MH | 400W HPS MH |
| | | | 175W HPS MH | 250W HPS MH | 400W HPS MH | 400W HPS MH |
| | | | 400W HPS MH | 400W HPS MH | 400W HPS MH | 400W HPS MH |

DUAL UG ONLY LAMP WATTAGE AND TYPE
(Circle One Lamp Type for Each Wattage)

| SYMBOLS | QUANTITY | SINGLE LAMP WATTAGE AND TYPE | |
|---------|----------|------------------------------|-------------|
| | | 100W HPS MH | 150W HPS MH |
| | 0 | 100W HPS MH | 150W HPS MH |
| | 0 | 150W HPS MH | 175W HPS MH |
| | 0 | 175W HPS MH | 250W HPS MH |
| | 0 | 250W HPS MH | 400W HPS MH |

ADDITIONAL INSTALLATION MATERIAL SYMBOLS

| SYMBOL | QUANTITY | DESCRIPTION |
|--------|----------|---|
| | 0 | RELAY |
| | 0 | PULLBOX |
| | 0 | 12KV 35KV PROPOSED OVERHEAD TRANSFORMER |

UNDERGROUND CONDUCTOR (Check One)

| | | | |
|--|-----|----------------------|-------------------------------------|
| | 0 | Direct Embedded Wire | <input checked="" type="checkbox"/> |
| | --- | Conduit and Wire | <input type="checkbox"/> |

OVERHEAD CONDUCTOR
 #4 2/C TWIST (UNLESS OTHERWISE NOTED)

EXISTING STREET LIGHT SYMBOLS AND WATTAGES

| | | | | | | | | | | | | | |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|
| | 250 MH | | 70 | | 100 | | 150 | | 175 | | 250 | | 400 |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|

INSTALLATION VOLTAGE: (Circle One Only) 120 240 480

RLOC STL 340547 across the street of original location.
 Locate and SPLICE into existing circuit.
 Abandon circuit span between existing and new location.

RES

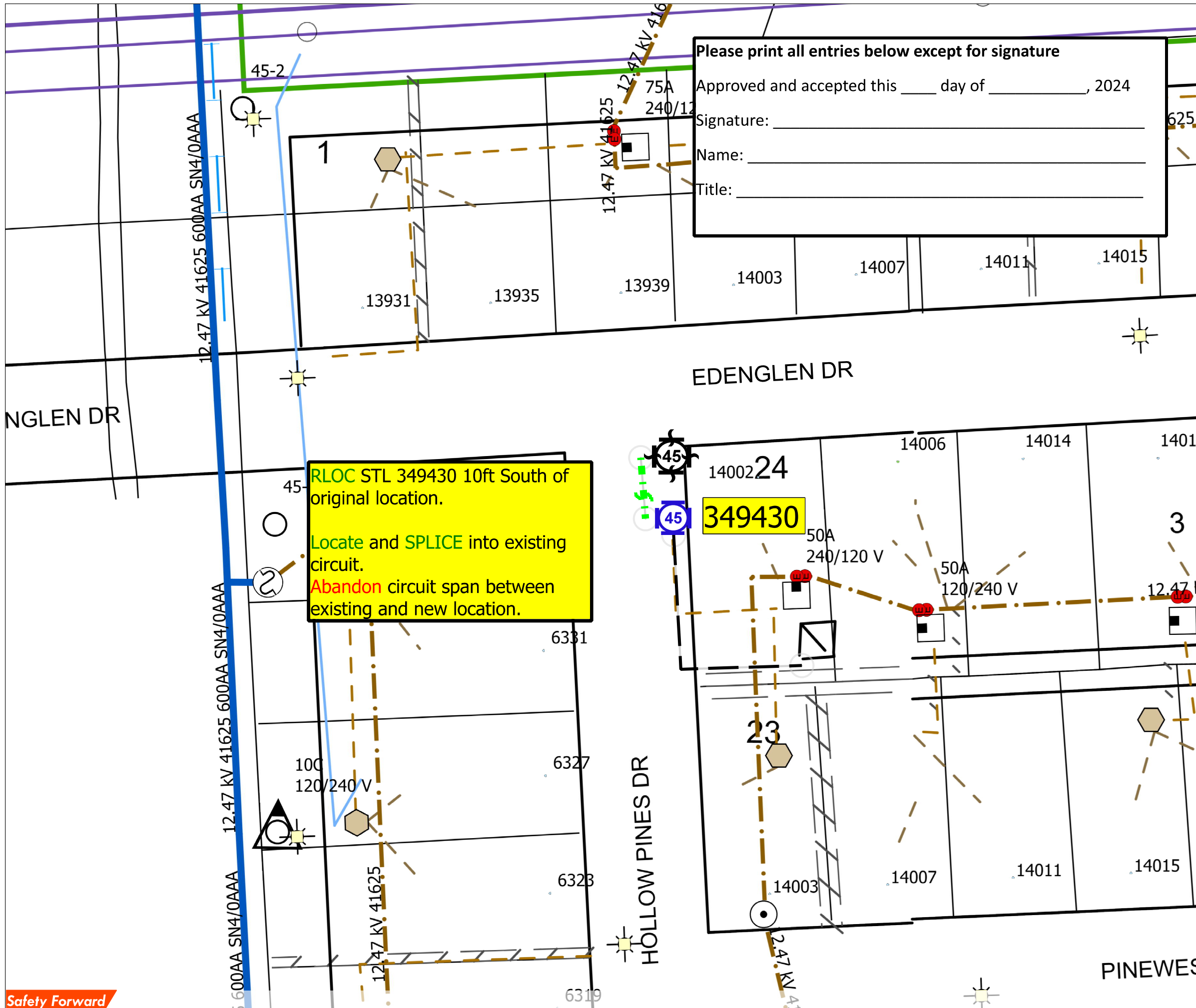
BLK

DDS DESIGN

| | |
|----------------------|-------------------------|
| WO BY: David Miranda | W.O.#: 113224475 |
| PHONE: 713-945-3253 | KEY MAP #: 456R |
| CELL: | LAMBERT #: 5760 |
| DATE: 8/15/2024 | SERVICE CENTER: BAYTOWN |
| TYPE: HLC2 | SCALE - 1" = 42' |

Street Light Notes

- All streets must be curbed and guttered prior to the installation of street lighting facilities unless otherwise approved by the Lighting Design Service Department.
- Dedicated street light easements are required along all placement of street lighting facilities when such facilities are installed along private streets. Street lighting will only be installed along private streets that can be accessed for maintenance and only when such a street is constructed in an easement intended to contain a private street, waterlines, sanitary sewer lines, storm sewer, and such other utility or franchise infrastructures as can be accommodated and which, for the purpose of established setback, will be considered to be the equal of a public street.
- The design of all streets, utility easements, and storm sewer easements must be approved by all appropriate reviewing agencies before the installation of street lighting.
- Street lighting will be installed to the recommendations of the illuminating Engineering Society unless otherwise requested and agreed upon in writing by the requestor of street lighting service.



RLOC STL 349430 10ft South of original location.
Locate and SPLICE into existing circuit.
Abandon circuit span between existing and new location.

Please print all entries below except for signature

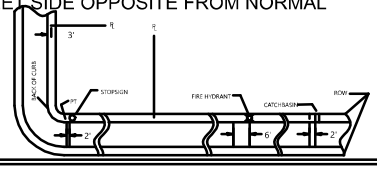
Approved and accepted this ____ day of _____, 2024

Signature: _____

Name: _____

Title: _____

STREET LIGHT PLACEMENT DETAIL
 STREET LIGHT STANDARDS WILL NORMALLY BE INSTALLED IN ROAD RIGHT OF WAY 3' BACK OF CURB AND IN ALIGNMENT WITH SIDE LOT OR REAR PROPERTY LINES, UNLESS THERE IS A CONFLICT WITH DRIVEWAY, FIRE HYDRANT, CATCH BASIN, WATERMETER, OTHER OBSTRUCTIONS, OR WHEN IES RECOMMENDS SPACING REQUIRE OTHERWISE. IN CASE OF CONFLICT WITH O.H. DISTRIBUTION AT REAR OF PROPERTY, STANDARD IS TO BE INSTALLED 8' NORTH OR WEST OF PROPERTY LINE. AT STREET INTERSECTIONS, STANDARDS ARE TO BE INSTALLED BEHIND STRAIGHT SECTION OF CURB 2' FROM TANGENT POINT. STANDARDS SHALL BE PLACED ON STREET SIDE OPPOSITE FROM NORMAL STOP SIGN LOCATIONS.



LIGHTING DESIGN SERVICES - LIGHTING LEGEND
 IMPORTANT NOTE: READ SPECIAL INSTRUCTIONS BELOW AND REFERENCE ANY SPECIAL NEEDS THAT MAY BE SHOWN ON SKETCH.

NEW STREET LIGHT INSTALLATION SYMBOLS

| SYMBOLS | QUANTITY | | SINGLE LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage) | | | |
|---------|----------|--------|---|------------|-------------|-------------|
| | OH - 0 | UG - 0 | 100W HPS MH | LED LEGEND | 150W HPS MH | 175W HPS MH |
| | | | | | | |
| | | | | 45W | OH - 0 | UG - 0 |
| | | | | 95W | OH - 0 | UG - 0 |
| | | | | 115W | OH - 0 | UG - 0 |
| | | | | 180W | OH - 0 | UG - 0 |

**DUAL UG ONLY LAMP WATTAGE AND TYPE
(Circle One Lamp Type for Each Wattage)**

| SYMBOLS | QUANTITY | 100W HPS MH | LED LEGEND | 150W HPS MH | 175W HPS MH | 250W HPS MH | 400W HPS MH |
|---------|----------|-------------|------------|-------------|-------------|-------------|-------------|
| | 0 | | | | | | |
| | 0 | | | 45W | 0 | | |
| | 0 | | | 95W | 0 | | |
| | 0 | | | 115W | 0 | | |
| | 0 | | | 180W | 0 | | |

ADDITIONAL INSTALLATION MATERIAL SYMBOLS

| | | | | | |
|----|---|---|--|---|---------|
| TP | 0 | TERMINAL POLE | | 0 | RELAY |
| X | 0 | PROPOSED WOOD POLE | | 0 | PULLBOX |
| | 0 | 12KV 35KV PROPOSED OVERHEAD TRANSFORMER | | | |

UNDERGROUND CONDUCTOR (Check One)

| | | | |
|--|-----|----------------------|-------------------------------------|
| | 265 | Direct Embedded Wire | <input checked="" type="checkbox"/> |
| | --- | Conduit and Wire | <input type="checkbox"/> |

OVERHEAD CONDUCTOR
 #4 2/C TWIST (UNLESS OTHERWISE NOTED)

EXISTING STREET LIGHT SYMBOLS AND WATTAGES

| | | | | | | | | | | | | | |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|
| | 250 MH | | 70 | | 100 | | 150 | | 175 | | 250 | | 400 |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|

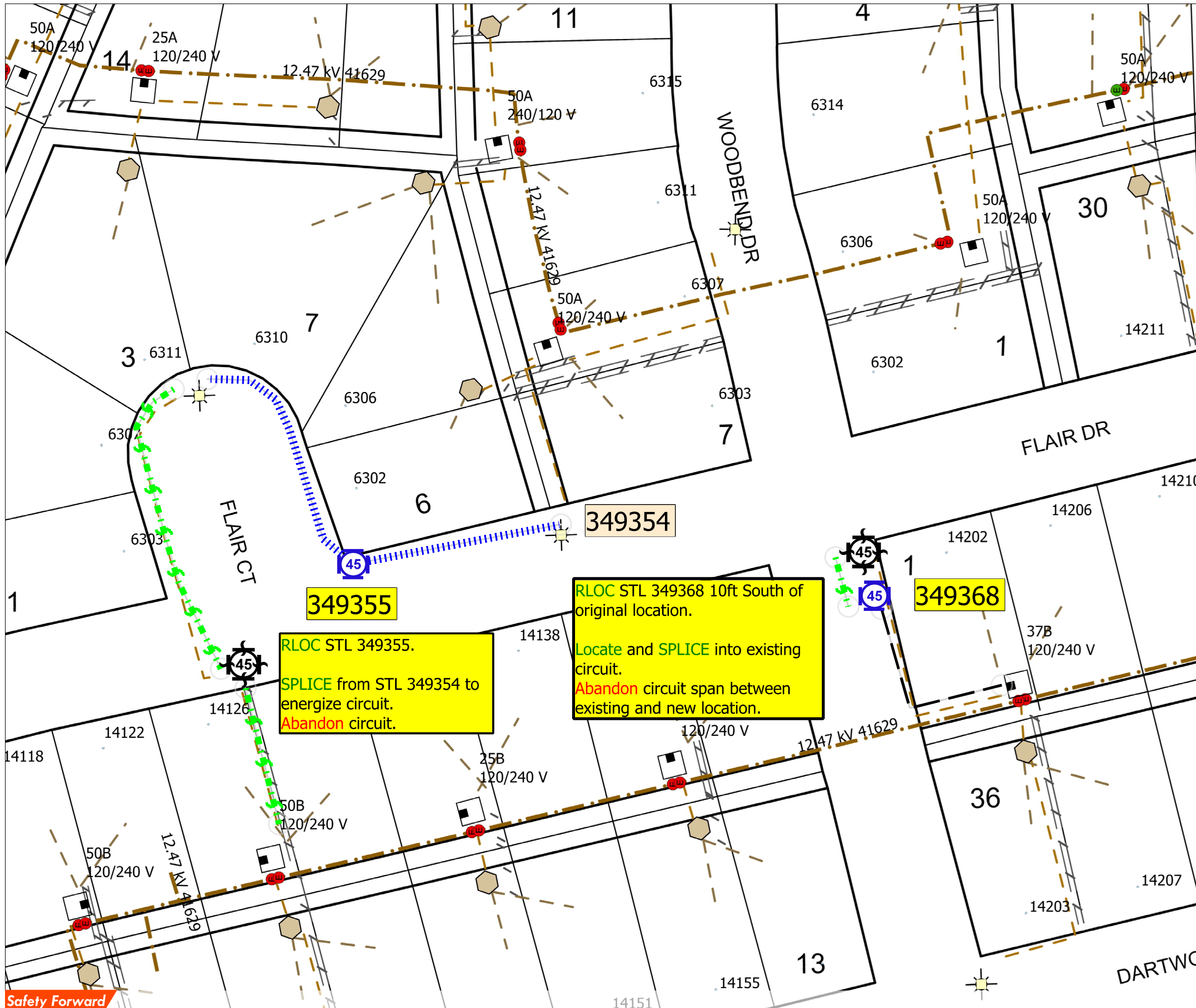
INSTALLATION VOLTAGE: (Circle One Only) 120 240 480

DDS DESIGN

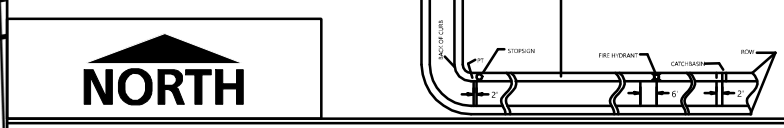
| | |
|----------------------|-------------------------|
| WO BY: David Miranda | W.O.#: 113224474 |
| PHONE: 713-945-3253 | KEY MAP #: 456R |
| CELL: | LAMBERT #: 5760 |
| DATE: 8/15/2024 | SERVICE CENTER: BAYTOWN |
| TYPE: HLC2 | SCALE - 1" = 47' |

Street Light Notes

- All streets must be curbed and guttered prior to the installation of street lighting facilities unless otherwise approved by the Lighting Design Service Department.
- Dedicated street light easements are required along all placement of street lighting facilities when such facilities are installed along private streets. Street lighting will only be installed along private streets that can be accessed for maintenance and only when such a street is constructed in an easement intended to contain a private street, waterlines, sanitary sewer lines, storm sewer, and such other utility or franchise infrastructures as can be accommodated and which, for the purpose of established setback, will be considered to be the equal of a public street.
- The design of all streets, utility easements, and storm sewer easements must be approved by all appropriate reviewing agencies before the installation of street lighting.
- Street lighting will be installed to the recommendations of the illuminating Engineering Society unless otherwise requested and agreed upon in writing by the requestor of street lighting service.



STREET LIGHT PLACEMENT DETAIL
 STREET LIGHT STANDARDS WILL NORMALLY BE INSTALLED IN ROAD RIGHT OF WAY 3' BACK OF CURB AND IN ALIGNMENT WITH SIDE LOT OR REAR PROPERTY LINES, UNLESS THERE IS A CONFLICT WITH DRIVEWAY, FIRE HYDRANT, CATCH BASIN, WATERMETER, OTHER OBSTRUCTIONS, OR WHEN IES RECOMMENDS SPACING REQUIRE OTHERWISE. IN CASE OF CONFLICT WITH O.H. DISTRIBUTION AT REAR OF PROPERTY, STANDARD IS TO BE INSTALLED 8' NORTH OR WEST OF PROPERTY LINE. AT STREET INTERSECTIONS, STANDARDS ARE TO BE INSTALLED BEHIND STRAIGHT SECTION OF CURB 2' FROM TANGENT POINT. STANDARDS SHALL BE PLACED ON STREET SIDE OPPOSITE FROM NORMAL STOP SIGN LOCATIONS.



LIGHTING DESIGN SERVICES - LIGHTING LEGEND
 IMPORTANT NOTE: READ SPECIAL INSTRUCTIONS BELOW AND REFERENCE ANY SPECIAL NEEDS THAT MAY BE SHOWN ON SKETCH.

NEW STREET LIGHT INSTALLATION SYMBOLS

| SYMBOLS | QUANTITY | | SINGLE LAMP WATTAGE AND TYPE (Circle One Lamp Type for Each Wattage) | | | | | |
|---------|----------|--------|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | OH - 0 | UG - 0 | 100W HPS MH | 150W HPS MH | 175W HPS MH | 250W HPS MH | 400W HPS MH | LED LEGEND |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**DUAL UG ONLY LAMP WATTAGE AND TYPE
(Circle One Lamp Type for Each Wattage)**

| SYMBOLS | QUANTITY | 100W HPS MH | 150W HPS MH | 175W HPS MH | 250W HPS MH | 400W HPS MH | LED LEGEND |
|---------|----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | 0 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 0 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 0 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 0 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ADDITIONAL INSTALLATION MATERIAL SYMBOLS

| | | | | | |
|----|---|---|--|---|---------|
| TP | 0 | TERMINAL POLE | | 0 | RELAY |
| X | 0 | PROPOSED WOOD POLE | | 0 | PULLBOX |
| | 0 | 12KV 35KV PROPOSED OVERHEAD TRANSFORMER | | | |

EXISTING STREET LIGHT SYMBOLS AND WATTAGES

| | | | | | | | | | | | | | |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|
| | 250 MH | | 70 | | 100 | | 150 | | 175 | | 250 | | 400 |
|--|--------|--|----|--|-----|--|-----|--|-----|--|-----|--|-----|

INSTALLATION VOLTAGE: (Circle One Only) 120 240 480

UNDERGROUND CONDUCTOR (Check One)
 Direct Embedded Wire
 Conduit and Wire
OVERHEAD CONDUCTOR
 #4 2/C TWIST (UNLESS OTHERWISE NOTED)

DDS DESIGN

WO BY: David Miranda W.O.#: 113224474
 PHONE: 713-945-3253 KEY MAP #: 456R
 CELL: LAMBERT #: 5760
 DATE: 8/15/2024 SERVICE CENTER: BAYTOWN
 TYPE: HLC2 SCALE - 1" = 54'

Street Light Notes
 -All streets must be curbed and guttered prior to the installation of street lighting facilities unless otherwise approved by the Lighting Design Service Department.
 -Dedicated street light easements are required along all placement of street lighting facilities when such facilities are installed along private streets. Street lighting will only be installed along private streets that can be accessed for maintenance and only when such a street is constructed in an easement intended to contain a private street, waterlines, sanitary sewer lines, storm sewer, and such other utility or franchise infrastructures as can be accommodated and which, for the purpose of established setback, will be considered to be the equal of a public street.
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 -Street lighting will be installed to the recommendations of the illuminating Engineering Society unless otherwise requested and agreed upon in writing by the requestor of street lighting service.